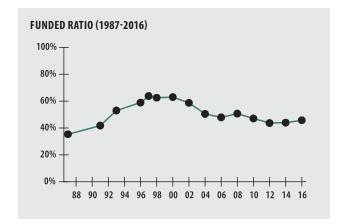
# **Middlesex County**

P. O. Box 160 25 Linnell Circle Billerica, MA 01865 Phone 978-439-3000 or 1-800-258-3805 Fax 978-439-3050

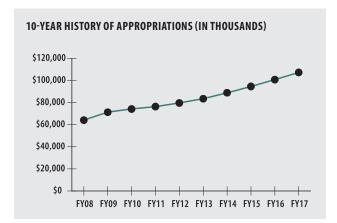
### **Board Members**

Thomas F. Gibson, Esq. (Chairperson), John Brown, Brian P. Curtin, Robert W. Healy, Joseph W. Kearns

**Board Administrator** Lisa Maloney **Board Meeting** Varies



# **INVESTMENT RETURN (2012-2016, 5 YEAR AND 32 YEAR AVERAGES)** 14% 12% 10% 8% 6% 4% 2% 15 12-16 85-16



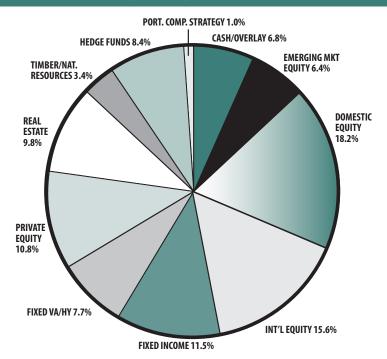
#### 32 years 2016 31 years 2015 30 years 2014 8.30% 8.34% 8.58% 10 years 2016 10 years 2015 10 years 2014 5.05% 5.64% 6.28% 5 years 2016 5 years 2015 5 years 2014 7.49% 8.79% 9.85%

**INVESTMENT RETURN HISTORY** 

## ACTUARIAL

► Funded Ratio		45.8%
▶ Date of Last Valuation		01/16
► Actuary		The Segal Company
► Assumed Rate of Return		7.75%
▶ Funding Schedule		4.0% Increasing Phase-in
▶ Year Fully Funded		2035
<ul><li>Unfunded Liability</li></ul>		\$1.4 B
► Total Pension Appropriation (Fiscal 2017)		\$107.2 M
	ACTIVE	RETIRED
Number of Members	9,072	5,327
► Total Payroll/Benefit	\$447.3 M	\$130.0 M
<ul><li>Average Salary/Benefit</li></ul>	\$49,300	\$24,400
► Average Age	48	NA
Average Service	11.6 years	NA

### ASSET ALLOCATION (12/31/16)



### **EARNED INCOME OF DISABILITY RETIREES (2015)**

► Number of Disability Retirees	355
▶ Number Who Reported Earnings	112
► Number of Excess Earners	2
► Total Amount of Refund Due	\$64,362.06

▶ 2016 Return	7.24%
▶ 2016 Market Value	\$1.2B
▶ 2012-2016 (Annualized)	8.79%
▶ 1985-2016 (Annualized)	8.30%